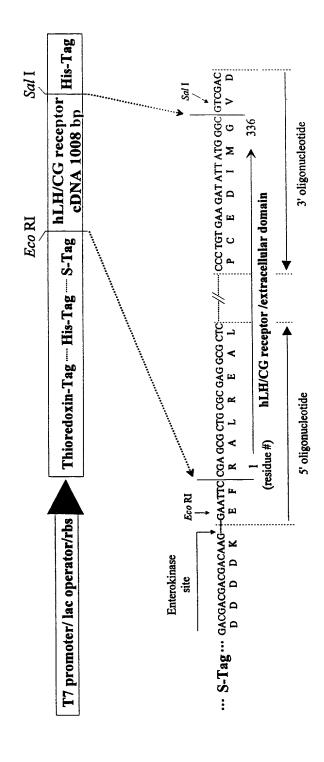
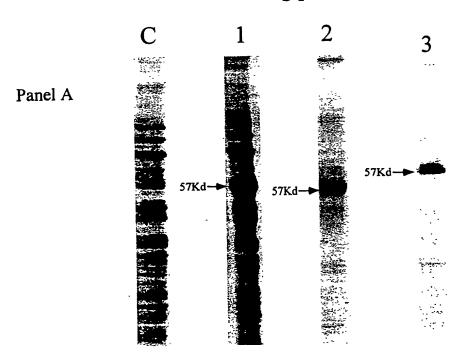
Clone LR4: hLH/CG Receptor Fusion with Thioredoxin Gene in pET32 Vector



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Non-reducing protein gels



Western blots

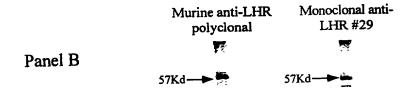
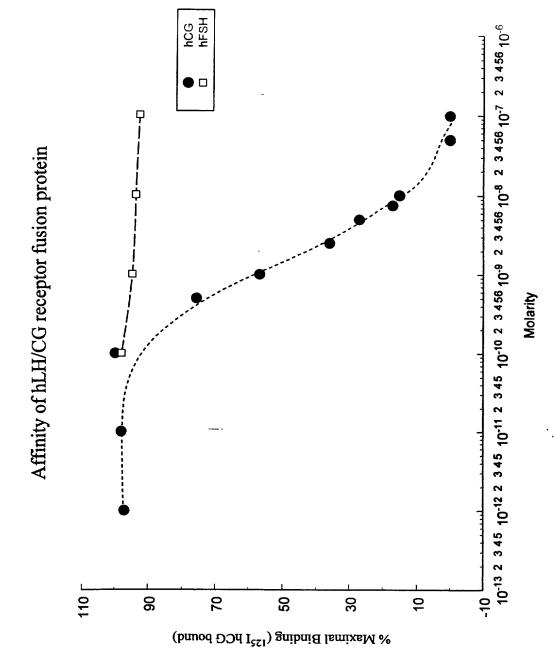
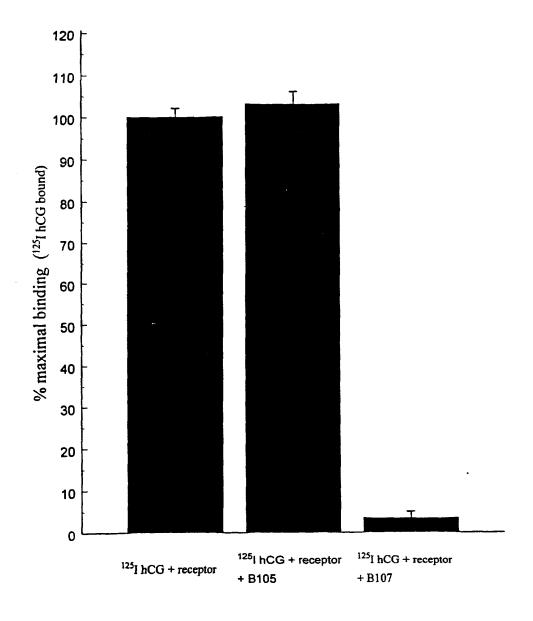


FIGURE 3



Effect of anti-hCG monoclonal antibodies on hCG binding to receptor fusion protein



hFSH Receptor Fusion with Thioredoxin Gene in pET32 Vector

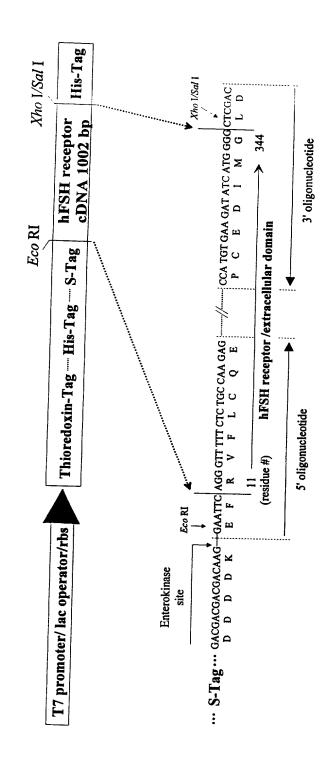


Figure 6A

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1 atgagcgataaaattattcacctgactgac
31 gacagttttgacacggatgtactcaaagcg
61 gacggggggatcctcgtcgatttctgggca
91 gagtggtgcggtccgtgcaaaatgatcgcc
121 ccgattctggatgaaatcgctgacgaatat
151 cagggcaaactgaccgttgcaaaactgaac
181 atcgatcaaaaccctggcactgcgccgaaa
211 tatggcatccgtggtatcccgactctgctg
241 ctgttcaaaaacggtgaagtggcggcaacc
271 aaagtgggtgcactgtctaaaggtcagttg
301 aaagagttcctcgacgctaacctggccggt
331 totggttctggccatatgcaccatcatcat
361 catcattcttctggtctggtgccacgcggt
391 totggtatgaaagaaaccgctgctgctaaa
421 ttcgaacgccagcacatggacagcccagat
451 ctgggtaccgacgacgacgacaaggccatg
481 gctgatatcggatccgaattcagggttttt
511 ctctgccaagagagcaaggtgacagagatt
541 ccttctgacctcccgaggaatgccattgaa
571 ctgaggtttgtcctcaccaagcttcgagtc
601 atccaaaaaggtgcattttcaggatttggg
631 gacctggagaaaatagagatctctcagaat
661 gatgtcttggaggtgatagaggcagatgtg
691 ttctccaaccttcccaaattacatgaaatt
721 agaattgaaaaggccaacaacctgctctac
751 atcaccctgaggccttccagaaccttccc
781 aaccttcaatatctgttaatatccaacaca
811 ggtattaagcaccttccagatgttcacaag
841 attcattctctccaaaaggttttacttgac
871 attcaagataacataaacatccacacaatt
901 gaaagaaattctttcgtggggctgagcttt
931 gaaagtgtgattctatggctgaataagaat
961 gggattcaagaaatacacaactgtgcattc
991 aatggaacccaactagatgcagtgaatcta
1021 agcgataataattaatttagaagaattgcct
1051 aatgatgttttccacggagcctctggacca
1081 gtcattctagatatttcaagaacaaggatc
1111 cattccctgcctagctatggcttagaaaat
1141 cttaagaagctgagggccaggtcgacttac
1171 aacttaaaaaagctgcctactctggaaaag
1201 cttgtcgccctcatggaagccagcctcacc
1231 tatcccagccattgctgtgcctttgcaaac
1261 tggagacggcaaatctctgagcttcatcca
1291 atttgcaacaaatctattttaaggcaagaa
1321 gttgattatatgactcaggctaggggtcag
1351 agatectetetggcagaagacaatgagtee
1381 agctacagcagaggatttgacatgacgtac
1411 actgagtttgactatgacttatgcaatgaa
1441 gtggttgacgtgacctgctcccctaagcca
1471 gatgcattcaacccatgtgaagatatcatg
1501 ggggtcgacaagcttgcggccgcactcgag
1531 caccaccaccaccactga
```

511 HHHHHH*

Figure 6B

1 MSDKIIHLTDDSFDTDVLKADGAILVDFWA 31 EWCGPCKMIAPILDEIADEYQGKLTVAKLN 61 IDQNPGTAPKYGIRGIPTLLLFKNGEVAAT 91 KVGALSKGQLKEFLDANLAGSGSGHMHHHH 121 HHSSGLVPRGSGMKETAAAKFERQHMDSPD 151 LGTDDDDKAMADIGSEFRVFLCQESKVTEI 181 PSDLPRNAIELRFVLTKLRVIQKGAFSGFG 211 DLEKIEISQNDVLEVIEADVFSNLPKLHEI 241 RIEKANNLLYITPEAFQNLPNLQYLLISNT 271 GIKHLPDVHKIHSLQKVLLDIQDNINIHTI 301 ERNSFVGLSFESVILWLNKNGIQEIHNCAF 331 NGTQLDAVNLSDNNNLEELPNDVFHGASGP 361 VILDISRTRIHSLPSYGLENLKKLRARSTY 391 NLKKLPTLEKLVALMEASLTYPSHCCAFAN 421 WRRQISELHPICNKSILRQEVDYMTQARGQ 451 RSSLAEDNESSYSRGFDMTYTEFDYDLCNE 481 VVDVTCSPKPDAFNPCEDIMGVDKLAAALE

Figure 7A

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1 atgagcgataaaattattcacctgactgac
 31 gacagttttgacacggatgtactcaaagcg
 61 gacggggggatcctcgtcgatttctgggca
 91 gagtggtgcggtccgtgcaaaatgatcgcc
121 ccgattctggatgaaatcgctgacgaatat
151 cagggcaaactgaccgttgcaaaactgaac
181 atcgatcaaaaccctggcactgcgccgaaa
211 tatggcatccgtggtatcccgactctgctg
241 ctgttcaaaaacggtgaagtggcggcaacc
271 aaagtgggtgcactgtctaaaggtcagttg
301 aaagagttcctcgacgctaacctggccggt
331 totggttctggccatatgcaccatcatcat
361 catcattcttctggtctggtgccacgcggt
391 tetggtatgaaagaaaccgetgetgetaaa
421 ttcgaacgccagcacatggacagcccagat
451 ctgggtaccgacgacgacgacaaggccatg
481 gctgatatcggatccgaattccgagcgctg
511 cgcgaggcgctctgccctgagccctgcaac
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601 cttgcctacctccctgtcaaagtgatccca
631 tctcaagctttcagaggacttaatgaggtc
661 ataaaaattgaaatctctcagattgattcc
691 ctggaaaggatagaagctaatgcctttgac
721 aacctcctcaatttgtctgaaatactgatc
751 cagaacaccaaaaatctgagatacattgag
781 cccggagcatttataaatcttccccgatta
811 aaatacttgagcatctgtaacacaggcatc
841 agaaagtttccagatgttacgaaggtcttc
871 tcctctgaatcaaatttcattctggaaatt
901 tgtgataacttacacataaccaccatacca
931 ggaaatgcttttcaagggatgaataatgaa
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991 tttgaagaagtacaaagtcatgcattcaat
1021 gggacgacactgacttcactggagctaaag
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1081 ggagcettccgtggggccacagggccgaaa
1111 accttggatatttcttccaccaaattgcag
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1291 ccaacaaaagaacagaatttttcacattcc
1321 atttctgaaaacttttccaaacaatgtgaa
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1381 ctttattcttccatgcttgctgagagtgaa
1411 ctgagtggctgggactatgaatatggtttc
1441 tgcttacccaagacaccccgatgtgctcct
1471 gaaccagatgcttttaatccctgtgaagat
1501 attatgggcgtcgacaagcttgcggccgca
1531 ctcgagcaccaccaccaccaccactga
```

Figure 7B

1 MSDKIIHLTDDSFDTDVLKADGAILVDFWA 31 EWCGPCKMIAPILDEIADEYQGKLTVAKLN 61 IDQNPGTAPKYGIRGIPTLLLFKNGEVAAT 91 KVGALSKGQLKEFLDANLAGSGSGHMHHHH 121 HHSSGLVPRGSGMKETAAAKFERQHMDSPD 151 LGTDDDDKAMADIGSEFRALREALCPEPCN 181 CVPDGALRCPGPTAGLTRLSLAYLPVKVIP 211 SQAFRGLNEVIKIEISQIDSLERIEANAFD 241 NLLNLSEILIQNTKNLRYIEPGAFINLPRL 271 KYLSICNTGIRKFPDVTKVFSSESNFILEI 301 CDNLHITTIPGNAFQGMNNESVTLKLYGNG 331 FEEVQSHAFNGTTLTSLELKENVHLEKMHN 361 GAFRGATGPKTLDISSTKLQALPSYGLESI 391 QRLIATSSYSLKKLPSRETFVNLLEATLTY 421 PSHCCAFRNLPTKEQNFSHSISENFSKQCE 451 STVRKVNNKTLYSSMLAESELSGWDYEYGF 481 CLPKTPRCAPEPDAFNPCEDIMGVDKLAAA **511 LEHHHHHH***